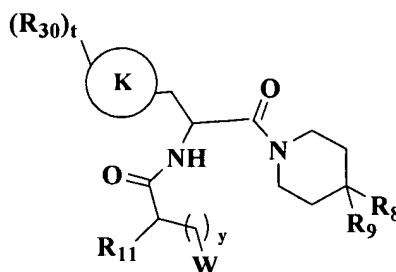


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1. (Currently Amended) A compound according to the formula



or a pharmaceutically-acceptable salt[[.]] or hydrate or prodrug thereof,  
in which,

K is aryl or heteroaryl;

R<sub>8</sub> and R<sub>9</sub> are independently hydrogen, halogen, cyano, alkyl substituted with heteroaryl,

~~substituted alkyl, alkenyl, alkynyl, cycloalkyl, heterocycle, aryl, heteroaryl, -OR<sub>43</sub>, -NR<sub>43</sub>R<sub>44</sub>,  
-SR<sub>43</sub>-S(O)<sub>p</sub>R<sub>44</sub> and, -C(=O)R<sub>13</sub>, where one of R<sub>8</sub> and R<sub>9</sub> is alkyl substituted with heteroaryl~~

~~and the other is cycloalkyl, or where one of R<sub>8</sub> and R<sub>9</sub> is aryl and the other is~~  $\text{—}\overset{\text{O}}{\parallel}\text{C—alkyl}$  ~~;~~

~~-OC(=O)R<sub>43</sub>, -CO<sub>2</sub>R<sub>43</sub>, -C(=O)NR<sub>43</sub>R<sub>44</sub>, -NR<sub>43</sub>C(=O)R<sub>44</sub>, -OC(=O)NR<sub>43</sub>R<sub>44</sub>, -NR<sub>43</sub>CO<sub>2</sub>R<sub>44</sub>,  
-NR<sub>43</sub>C(=O)NR<sub>44</sub>R<sub>45</sub> or -NR<sub>43</sub>SO<sub>2</sub>R<sub>44</sub>; or R<sub>8</sub> and R<sub>9</sub> taken together form a monocyclic or~~

~~bicyclic cycloalkyl or heterocycle joined in a spiro fashion to the piperidine ring, provided that~~

~~R<sub>8</sub> and R<sub>9</sub> are not both hydrogen, and provided further that when R<sub>8</sub> is -OR<sub>43</sub>, -(CH<sub>2</sub>)<sub>k</sub> aryl or~~

~~-(CH<sub>2</sub>)<sub>k</sub> heteroaryl, then R<sub>9</sub> is not -C(=O)NR<sub>48</sub>R<sub>49</sub>, -CO<sub>2</sub>R<sub>49</sub>, -(CH<sub>2</sub>)<sub>m</sub>NR<sub>48</sub>SO<sub>2</sub>R<sub>20</sub>,  
-(CH<sub>2</sub>)<sub>m</sub>NR<sub>48</sub>C(=O)R<sub>20</sub>, -(CH<sub>2</sub>)<sub>m</sub>OR<sub>49</sub>, -(CH<sub>2</sub>)<sub>m</sub>O(C=O)R<sub>20</sub>, -CH(R<sub>48</sub>)R<sub>49</sub>, or~~

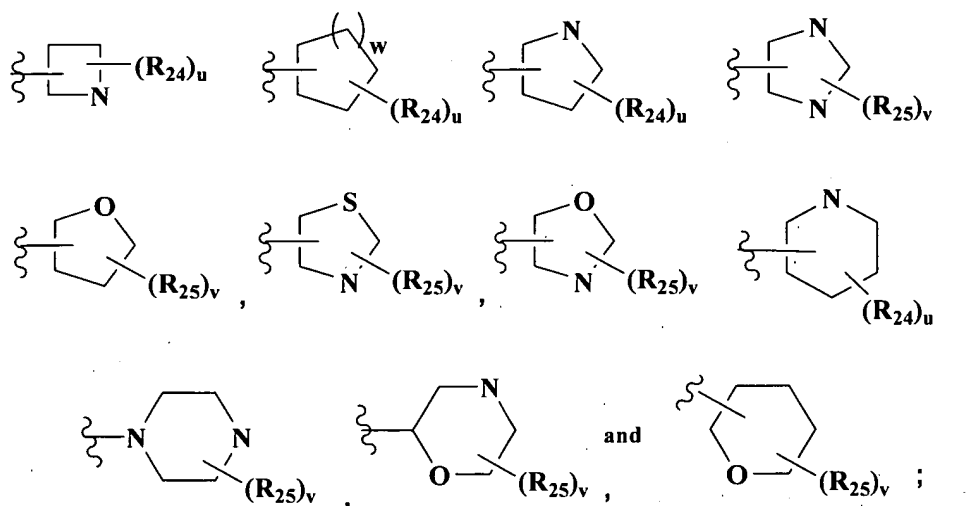
~~-(CH<sub>2</sub>)<sub>m</sub>NR<sub>48</sub>(C=O)NR<sub>49</sub>R<sub>24</sub>;~~

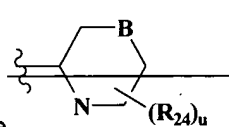
R<sub>11</sub> and R<sub>12</sub> are selected from hydrogen, alkyl, halogen, hydroxy, hydroxyalkyl, haloalkyl, amino, aminoalkyl, alkylamino, arylalkyl, cycloalkylalkyl, heteroarylalkyl, aryl, and cycloalkyl, and where y is at least 1, then R<sub>11</sub> and R<sub>12</sub> may be heterocycle or heterocycloalkyl;

$R_{13}$  is  $[[,]]$   $R_{14}$  and  $R_{15}$  are independently hydrogen, alkyl,  $[[,]]$  substituted alkyl, cycloalkyl, aryl, heterocyclo, or heteroaryl; or  $R_{13}$  and  $R_{14}$ , or  $R_{14}$  and  $R_{15}$ , may join together to form a heterocyclo or heteroaryl, except  $R_{14}$  is not hydrogen when joined to a sulfonyl group as in  $-S(O)_pR_{14}$  or  $-NR_{13}SO_2R_{14}$ ;

W is selected from:

- 1)  $-NR_{16}R_{17}$ ,  $-NR_{16}C(=O)R_{22}$ ,  $-NR_{16}CO_2R_{22}$ ,  $-OR_{23}$ , amidino, and guanidino;
- 2) heteroaryl or heterocyclo groups selected from pyrrolyl, furyl, thienyl, imidazolyl, pyrazolyl, isoxazolyl, thiazolyl, isothiazolyl, 3-azaisothiazolyl, pyridyl, pyrazinyl, pyridazinyl, 1,2-dihydropyridazinyl, and pyranyl, wherein said heteroaryl and heterocyclo groups may be substituted or unsubstituted and may have an optionally-substituted carbocyclic, heterocyclic or heteraryl ring fused thereto; or
- 3) a ring selected from:



and where at least one of x and/or y is at least 1, W may be , wherein B is N, O or S;

$R_{16}$  and  $R_{17}$  are selected from hydrogen, alkyl and substituted alkyl;

$R_{18}$ ,  $R_{19}$  and  $R_{21}$  are independently hydrogen or  $C_{1-6}$ alkyl optionally substituted with halogen;

$R_{20}$  is  $C_{1-6}$ alkyl, aryl, or heteroaryl;

$R_{22}$  and  $R_{23}$  are independently selected from hydrogen, alkyl, substituted alkyl, aryl, heteroaryl, cycloalkyl, and heterocyclo;

$R_{24}$  and  $R_{25}$  at each occurrence are attached to any available carbon or nitrogen atom of W and at each occurrence are selected from hydrogen,  $C_{1-6}$ alkyl, halogen, substituted  $C_{1-6}$ alkyl, amino, alkylamino, cyano, nitro, trifluoromethoxy,  $-C(=O)R_{26}$ ,  $-CO_2R_{26}$ ,  $-SO_2R_{26}$ ,  $-OR_{26}$ , aryl, heteroaryl, heterocyclo, and cycloalkyl, and/or two  $R_{25}$  attached to two adjacent carbon atoms or adjacent carbon and nitrogen or carbon atoms may join to form a fused optionally-substituted heteroaryl, heterocyclo or cycloalkyl ring, and/or two  $R_{24}$  or two  $R_{25}$  when attached to the same carbon atom may form keto ( $=O$ );

$R_{26}$  is hydrogen, alkyl, substituted alkyl, aryl, heterocyclo, cycloalkyl, or heteroaryl, except when joined to a sulphonyl group as in  $SO_2R_{26}$ , then  $R_{26}$  is not hydrogen;

$R_{30}$  is attached to any available carbon or nitrogen atom of K and is selected from  $C_{1-4}$ alkyl, hydroxy, alkoxy, halogen, nitro, cyano, amino, alkylamino, phenyl, and  $-C(=O)$ phenyl; and

$k$  and  $m$  are independently 0, 1, 2 or 3;

$p$  is 1, 2, or 3;

$t$  is 0, 1 or 2.

$u$  and  $v$  are 0, 1, 2, or 3;

$w$  is 0, 1, or 2;

$y$  is 0, 1, 2, 3, or 4; and

$z$  is 0, 1 or 2.

Claim 2. (Cancelled).

Claim 3. (Currently Amended) A compound according to claim 1, or a pharmaceutically-acceptable salt[[.]] or hydrate ~~or prodrug~~ thereof,

in which:

W is  $-NR_{16}R_{17}$ ,  $-NHC(=O)R_{22}$ ,  $-NHCO_2\text{alkyl}$ ,  $OR_{23}$ , or azetidiny;

$R_{16}$  and  $R_{17}$  are independently selected from hydrogen,  $C_{1-8}\text{alkyl}$ , and  $(CH_2)_q\text{-J}$ , wherein J is selected from ~~naphthyl~~ naphthyl, furanyl, indolyl, imidazolyl, pyrimidinyl, benzothienyl, pyridinyl, pyrrolyl, pyrrolidinyl, thienyl, and  $C_{3-7}\text{cycloalkyl}$ , wherein the alkyl, alkylene, and/or J groups of  $R_{16}$  and/or  $R_{17}$  are optionally substituted with up to three  $R_{32}$ ;

$R_{22}$  is selected from  $C_{1-6}\text{alkyl}$ , trifluoromethyl, alkoxyalkyl, furylalkyl, alkylaminoethyl, phenyl, ~~pyrrolylalkyl~~ pyrrolylalkyl, piperidinyl, and piperidinylalkyl, wherein  $R_{22}$  in turn is optionally substituted with one to two  $C_{1-4}\text{alkyl}$  and/or  $-CO_2(C_{1-4}\text{alkyl})$ ;

$R_{23}$  is hydrogen or phenyl;

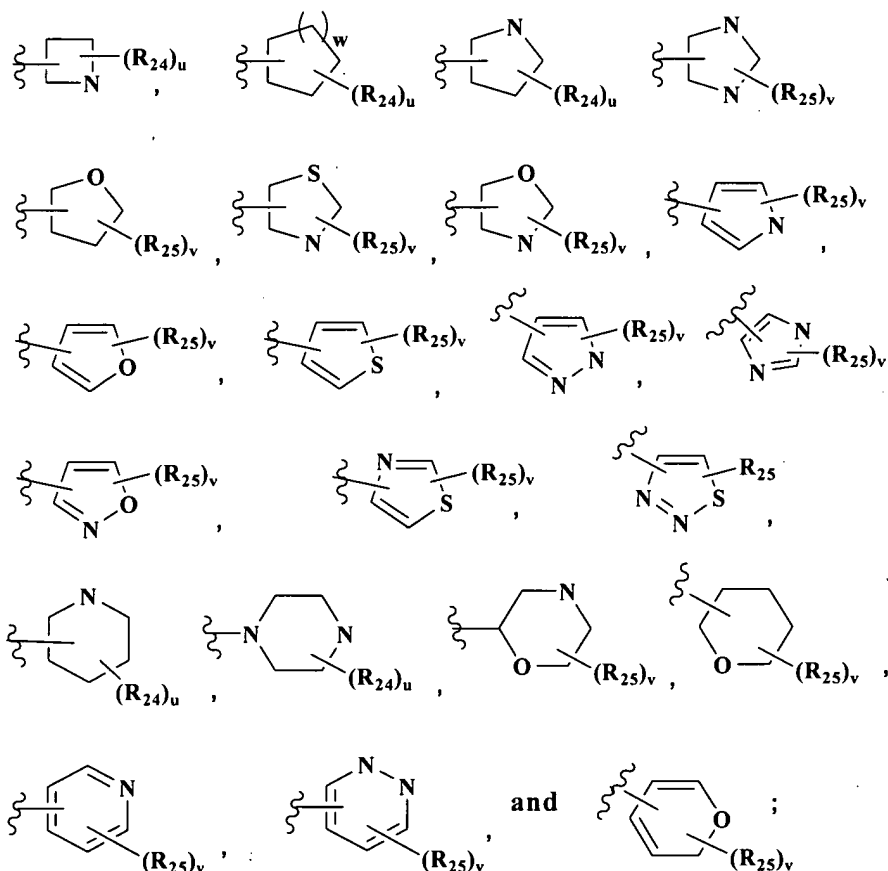
$R_{32}$  is selected from  $C_{1-6}\text{alkyl}$ , hydroxy,  $C_{1-4}\text{alkoxy}$ , amino,  $C_{1-4}\text{alkylamino}$ ,  $\text{amino}C_{1-4}\text{alkyl}$ , trifluoromethyl, halogen, phenyl, benzyl, phenyloxy, benzyloxy,  $-C(=O)(CH_2)NH_2$ ,  $-CO_2(C_{1-4}\text{alkyl})$ ,  $-SO_2(C_{1-4}\text{alkyl})$ , tetrazolyl, piperidinyl, pyridinyl, and indolyl, wherein when  $R_{32}$  is a ring, said ring in turn is optionally substituted with one to two  $C_{1-4}\text{alkyl}$ , hydroxy, methoxy, and/or halogen; and

$q$  is 0, 1, 2 or 3.

Claim 4. (Currently Amended) A compound according to claim 1, or a pharmaceutically-acceptable salt[[,]] or hydrate ~~or prodrug~~ thereof,

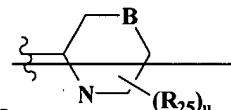
in which

W is a ring selected from:



and where at least one of  $x$  and/or  $y$  is at least 1,  $W$  may be

$S$ ;



, wherein  $B$  is  $N$ ,  $O$  or  $S$ ;

$R_{24}$  is selected from keto ( $=O$ ),  $C_{1-6}$ alkyl, halogen, amino, aminoalkyl, alkylamino, hydroxy,  $C_{1-4}$ alkoxy, hydroxy $C_{1-4}$ alkyl,  $-C(=O)$ alkyl,  $-C(=O)$ aminoalkyl,  $-C(=O)$ phenyl,  $-C(=O)$ benzyl,  $-CO_2$ alkyl,  $-CO_2$ phenyl,  $-CO_2$ benzyl,  $-SO_2$ alkyl,  $-SO_2$ aminoalkyl,  $-SO_2$ phenyl,  $-SO_2$ benzyl, phenyl, benzyl, phenyloxy, benzyloxy, pyrrolyl, pyrazolyl, piperidinyl, pyridinyl, pyrimidinyl, and tetrazolyl, and each  $R_{24}$  in turn is optionally substituted with one to two  $R_{31}$ ;

$R_{25}$  at each occurrence is attached to any available carbon or nitrogen atom of  $W$  and is selected from  $C_{1-6}$ alkyl, halogen, amino, aminoalkyl, alkylamino, hydroxy,  $C_{1-4}$ alkoxy, hydroxy $C_{1-4}$ alkyl,  $-C(=O)$ alkyl,  $-C(=O)$ aminoalkyl,  $-C(=O)$ phenyl,  $-C(=O)$ benzyl,  $-CO_2$ alkyl,  $-CO_2$ phenyl,  $-CO_2$ benzyl,  $-SO_2$ alkyl,  $-SO_2$ aminoalkyl,  $-SO_2$ phenyl,  $-SO_2$ benzyl, phenyl, benzyl, phenyloxy, benzyloxy, pyrrolyl, pyrazolyl, piperidinyl, pyridinyl, pyrimidinyl, and

tetrazolyl, and/or two  $R_{25}$  when attached to adjacent carbon atoms may be taken together to form a fused benzo or pyrazolyl ring, and/or two  $R_{25}$  when attached to the same carbon atom (in the case of a non-aromatic ring) may form keto ( $=O$ ), and each  $R_{25}$  in turn is optionally substituted with up to two  $R_{31}$ ;

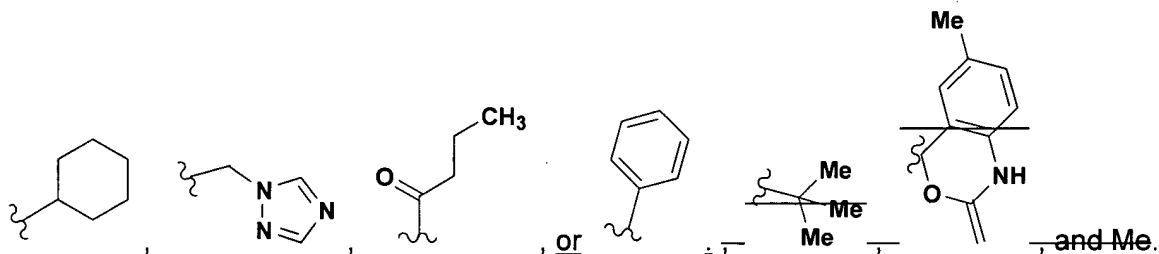
$R_{31}$  is selected from halogen, trifluoromethyl,  $C_{1-4}$ alkyl, hydroxy, and  $C_{1-4}$ alkoxy;

$w$  is selected from 0, 1, or 2; and

$u$  and  $v$  are selected from 0, 1, and 2.

Claim 5. (Cancelled).

Claim 6. (Currently Amended) A compound according to claim 1, or a pharmaceutically-acceptable salt[[.]] or hydrate ~~or prodrug~~ thereof, in which  $R_8$  and  $R_9$  are independently selected from



Claim 7. (Currently Amended) A compound according to claim 1 or a pharmaceutically-acceptable salt[[.]] or hydrate ~~or prodrug~~ thereof, in which

$R_{11}$  is (i) at each occasion independently selected from:

- hydrogen,
- $C_{1-6}$ alkyl,
- $C_{1-6}$ alkyl substituted with up to two of hydroxy, alkoxy, amino, alkylamino, imidazolyl, pyrazolyl, phenyl, ~~naphthyl~~ naphthyl, pyridinyl, indolyl, pyrimidyl, furyl, thiazolyl, and thienyl, wherein said ringed substituents in turn are optionally substituted with one to

- three  $R_{33}$  and/or have a benzene ring fused thereto optionally substituted with one to two  $R_{33}$ ;
- d)  $C_{3-7}$ cycloalkyl optionally substituted with up to two  $R_{33}$  and/or having a benzene ring fused thereto, wherein said fused benzene ring is optionally substituted with up to two  $R_{33}$ ;
  - e) phenyl optionally substituted with up to three  $R_{33}$ ;
  - f) where  $y$  is at least one,  $R_{11}$  and  $R_{12}$  may also be selected from piperidinyl, pyrrolidinyl, piperidinylalkyl, and pyrrolidinylalkyl, in turn optionally substituted with up to three  $R_{33}$ ; or
- ii) alternatively, one of  $R_{11}$  and one of  $R_{12}$  attached to the same carbon atom may be taken together to form a spirocycloalkyl ring;

$R_{33}$  is selected from  $C_{1-6}$ alkyl, hydroxy,  $C_{1-6}$ alkoxy, halogen, nitro, phenyl, benzyl, phenoxy, benzyloxy,  $-C(=O)$ phenyl, amino, alkylamino, and aminoalkyl, wherein when  $R_{33}$  includes a phenyl group said phenyl group in turn is optionally substituted with one to two of halogen, nitro, cyano,  $C_{1-4}$  alkyl, and/or  $C_{1-4}$  alkoxy.

Claim 8. (Currently Amended) A compound according to claim 1 or a pharmaceutically-acceptable salt[[,]] or hydrate ~~or prodrug~~ thereof, in which

$R_2$  is selected from hydrogen,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl, biphenyl,  $C_{2-6}$ alkenylene-K, and  $-(CH_2)_g-K$ ;

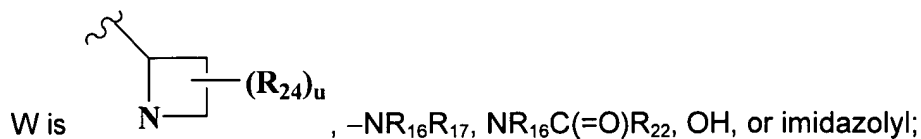
K is selected from phenyl, ~~naphthyl~~ naphthyl, thienyl, thiazolyl, pyridinyl, pyrimidinyl, and  $C_5$ - $_6$ cycloalkyl, wherein each group K in turn is optionally substituted with one to three  $R_{30}$  or has a benzene ring fused thereto, which also may be substituted with one to three  $R_{30}$ ;

$R_{30}$  is selected from  $C_{1-4}$ alkyl, hydroxy, alkoxy, halogen, nitro, cyano, amino, alkylamino, phenyl, and acylphenyl; and

$g$  is 0, 1, 2 or 3.

Claims 9 and 10. (Cancelled).

Claim 11. (Currently Amended) A compound according to claim 1[[0]], or a pharmaceutically-acceptable salt[[,]] or hydrate ~~or prodrug~~ thereof, in which



$\text{R}_{16}$  and  $\text{R}_{17}$  are selected from hydrogen and  $\text{C}_{1-4}$ alkyl;

$\text{R}_{22}$  is  $\text{C}_{1-4}$ alkyl, phenyl or piperidinyl $\text{C}_{1-4}$ alkyl;

$\text{R}_{24}$  is  $\text{C}_{1-4}$ alkyl; and

$u$  is 0 or 1.

Claim 12. (Currently Amended) A compound according to claim 11, or a pharmaceutically-acceptable salt[[,]] or hydrate ~~or prodrug~~ thereof, in which

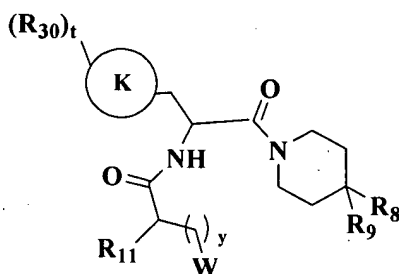
$\text{R}_{11}$  is hydrogen,  $\text{C}_{1-4}$ alkyl, or imidazolyl $\text{C}_{1-4}$ alkyl; ~~and~~

~~$\text{R}_{12}$  is hydrogen or  $\text{C}_{1-4}$ alkyl.~~

Claim 13. (Currently Amended) A compound according to claim 11 or a pharmaceutically-acceptable salt[[,]] or hydrate ~~or prodrug~~ thereof, in which  $\text{R}_{16}$  and  $\text{R}_{17}$  are independently selected from hydrogen,  $\text{C}_{1-8}$ alkyl, and  $\text{C}_{1-8}$ substituted alkyl, except  $\text{R}_{16}$  and  $\text{R}_{17}$  are not alkyl substituted with pyridyl, imidazolyl, thiazolyl, pyrimidinyl, or piperazinyl, and W is not morpholinyl.

Claim 14. (Currently Amended) A compound according to the formula,





or a pharmaceutically-acceptable salt[[.]] or hydrate or ~~prodrug~~ thereof, in which,

K is aryl or heteroaryl;

~~R<sub>8</sub> and R<sub>9</sub> are independently hydrogen, halogen, cyano, alkyl substituted with heteroaryl, substituted alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclo, aryl, heteroaryl, -OR<sub>13</sub>, -NR<sub>13</sub>R<sub>14</sub>, -SR<sub>13</sub>-S(O)<sub>p</sub>R<sub>14</sub> and, -C(=O)R<sub>13</sub>[[.]], -OC(=O)R<sub>13</sub>, -CO<sub>2</sub>R<sub>13</sub>, -C(=O)NR<sub>13</sub>R<sub>14</sub>, -NR<sub>13</sub>C(=O)R<sub>14</sub>, -OC(=O)NR<sub>13</sub>R<sub>14</sub>, -NR<sub>13</sub>CO<sub>2</sub>R<sub>14</sub>, -NR<sub>13</sub>C(=O)NR<sub>14</sub>R<sub>15</sub> or -NR<sub>13</sub>SO<sub>2</sub>R<sub>14</sub>, or R<sub>8</sub> and R<sub>9</sub> taken together form a monocyclic or bicyclic cycloalkyl or heterocyclo joined in a spiro fashion to the piperidine ring,~~

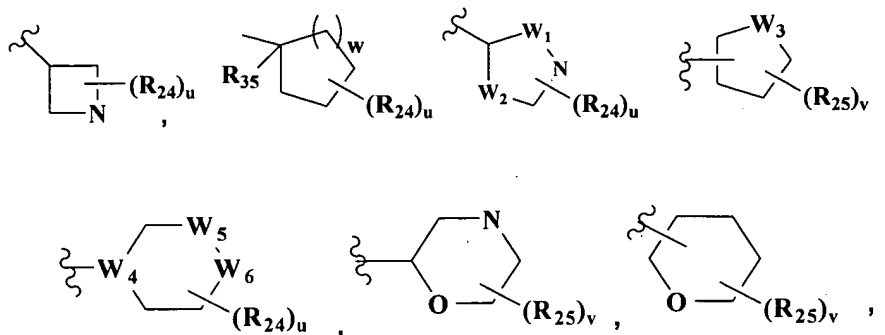
R<sub>11</sub> is selected from hydrogen, alkyl, halogen, hydroxy, hydroxyalkyl, haloalkyl, amino, aminoalkyl, alkylamino, arylalkyl, cycloalkylalkyl, heteroarylalkyl, aryl, and cycloalkyl, and where y is at least 1, then R<sub>11</sub> and R<sub>12</sub> may be heterocyclo or heterocycloalkyl;

R<sub>13</sub>, R<sub>14</sub> and R<sub>15</sub> are independently hydrogen, alkyl, substituted alkyl, cycloalkyl, aryl, heterocyclo, or heteroaryl; or R<sub>13</sub> and R<sub>14</sub>, or R<sub>14</sub> and R<sub>15</sub> may join together to form a heterocyclo or heteroaryl, except R<sub>14</sub> is not hydrogen when joined to a sulfonyl group as in -S(O)<sub>p</sub>R<sub>14</sub> or -NR<sub>13</sub>SO<sub>2</sub>R<sub>14</sub>;

W is selected from:

- 1) -NR<sub>16</sub>R<sub>17</sub>, -NR<sub>16</sub>C(=O)R<sub>22</sub>, -NR<sub>16</sub>CO<sub>2</sub>R<sub>22</sub>, or -OR<sub>23</sub>; or
- 2) heteroaryl or heterocyclo groups selected from pyrrolyl, furyl, thienyl, imidazolyl, pyrazolyl, isoxazolyl, thiazolyl, isothiazolyl, 3-azaisothiazolyl, pyridyl, pyrazinyl, pyridazinyl, 1,2-dihydropyridazinyl, and pyranyl, wherein said heteroaryl and heterocyclo groups may be optionally substituted with one to three R<sub>36</sub>, and may have an optionally-substituted carbocyclic, heterocyclic or heteraryl ring fused thereto; or

3) a carbocyclic, heterocyclic, or heteroaryl ring selected from:



in which  $W_1$  and  $W_2$  are NH,  $CH_2$ , O or S,  $W_3$  is O or S,  $W_4$  is N or CH, and  $W_5$  and  $W_6$  are NH or  $CH_2$ , wherein when  $W_1$ ,  $W_2$ ,  $W_5$  and  $W_6$  are NH or  $CH_2$ , said groups are optionally substituted with  $R_{24}$ ;

$R_{16}$  and  $R_{17}$  are  $C_{1-8}$ alkyl or  $(CH_2)_q$ -J, wherein J is selected from aryl, heteroaryl, heterocyclo, and cycloalkyl, wherein the alkyl, alkylene, and/or J groups of  $R_{16}$  and/or  $R_{17}$  are optionally substituted with up to three  $R_{32}$ ;

$R_{22}$  is selected from  $C_{1-6}$ alkyl, trifluoromethyl, alkoxyalkyl, furylalkyl, alkylaminoethyl, phenyl, pyrrolylalkyl, pyrrolylalkyl, piperidiny, and piperidinylalkyl, wherein  $R_{22}$  in turn is optionally substituted with one to two  $C_{1-4}$ alkyl and/or  $-CO_2(C_{1-4}alkyl)$ ;

$R_{23}$  is hydrogen or aryl;

$R_{24}$  and  $R_{25}$  at each occurrence are attached to any available carbon or nitrogen atom of W and at each occurrence are selected from hydrogen,  $C_{1-6}$ alkyl, halogen, substituted  $C_{1-6}$ alkyl, amino, alkylamino,  $-C(=O)R_{26}$ ,  $-CO_2R_{26}$ ,  $-SO_2R_{26}$ ,  $-OR_{26}$ , aryl, heteroaryl, heterocyclo, and cycloalkyl, and/or two  $R_{25}$  attached to two adjacent carbon atoms or adjacent carbon and nitrogen atoms may be taken together to form a fused optionally-substituted heteroaryl, heterocyclo or cycloalkyl ring, and/or two  $R_{24}$  or two  $R_{25}$  when attached to the same carbon atom may form keto ( $=O$ );

$R_{26}$  is hydrogen, alkyl, phenyl, benzyl, or aminoalkyl, except when joined to a sulphonyl group as in  $SO_2R_{26}$ , then  $R_{26}$  is not hydrogen;[[:]]

$R_{32}$  is selected from  $C_{1-6}$ alkyl, hydroxy,  $C_{1-6}$ alkoxy, halogen, nitro, phenyl, benzyl, phenyloxy, benzyloxy,  $-C(=O)$ phenyl, amino, alkylamino, and aminoalkyl, wherein when  $R_{32}$  includes a phenyl group said phenyl group in turn is optionally substituted with one to two of halogen, nitro, cyano,  $C_{1-4}$  alkyl, and/or  $C_{1-4}$  alkoxy;

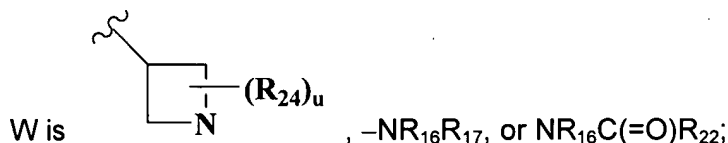
$R_{35}$  and  $R_{36}$  at each occurrence is selected from  $C_{1-6}$ alkyl, halogen, substituted  $C_{1-6}$ alkyl, hydroxy, alkoxy, cyano, trifluoromethyl, trifluoromethoxy, nitro, acyl, carboxyalkyl, sulfonyl, aryl, heteroaryl, heterocyclo, and cycloalkyl;

$p$  is 1, 2 and 3;

$u$  and  $v$  are 0, 1, or 2; and

$w$  is 0, 1, or 2.

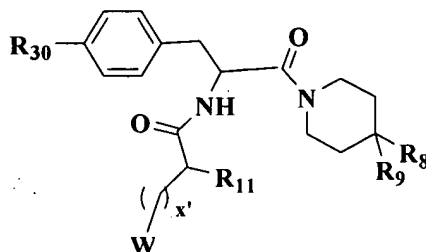
Claim 15. (Currently Amended) A compound according to claim 14, or a pharmaceutically-acceptable salt[[.]] or hydrate ~~or prodrug~~ thereof, in which



$R_{24}$  is  $C_{1-4}$ alkyl;

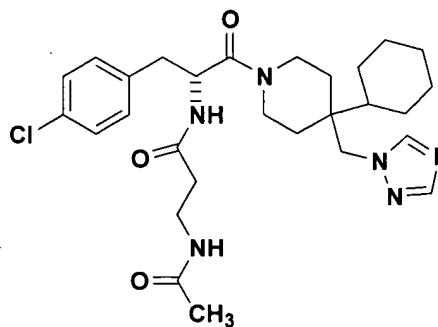
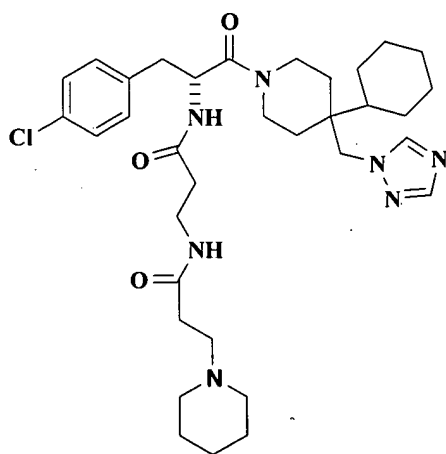
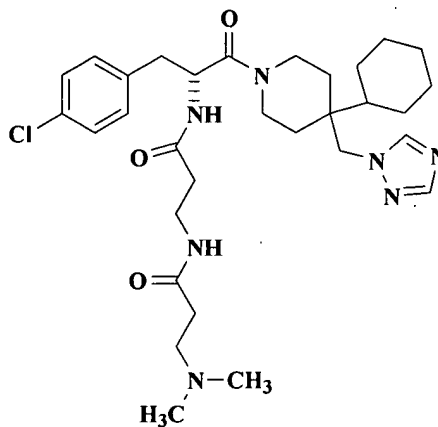
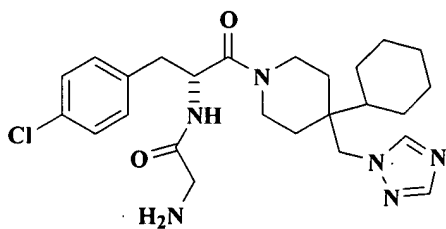
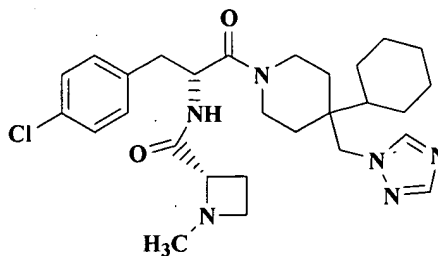
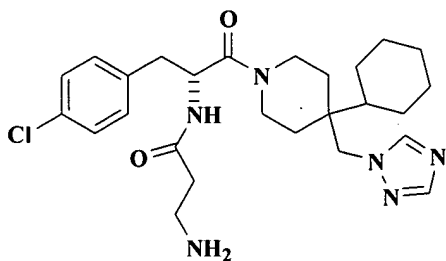
$u$  is 0 or 1.

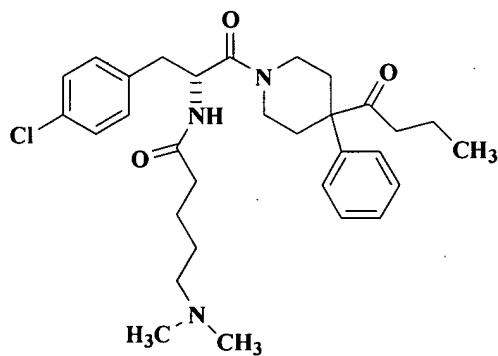
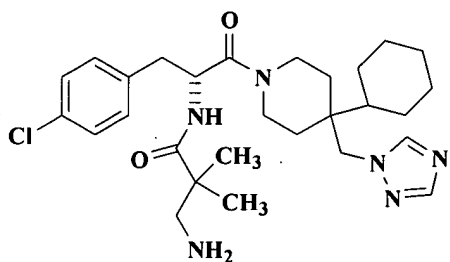
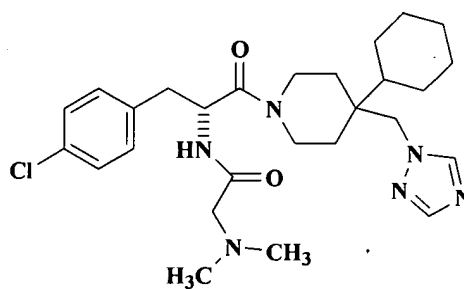
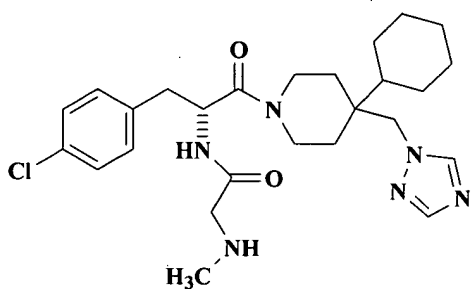
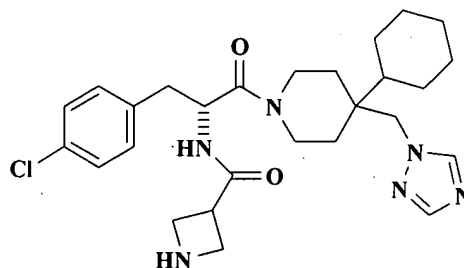
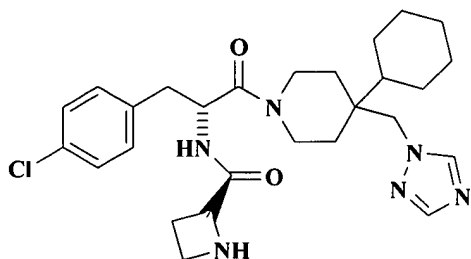
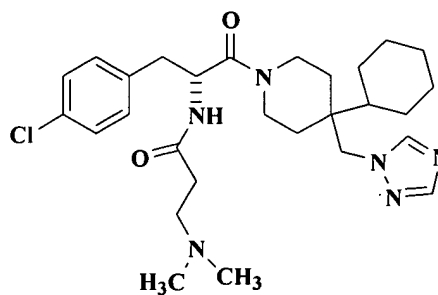
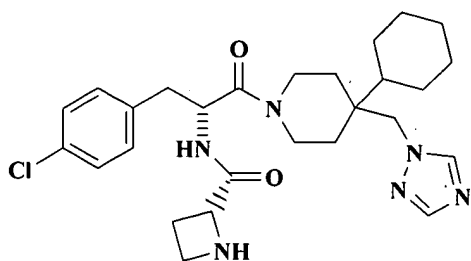
Claim 16. (Currently Amended) A compound according to claim 14, or a pharmaceutically-acceptable salt[[.]] or hydrate ~~or prodrug~~ thereof, having the formula,



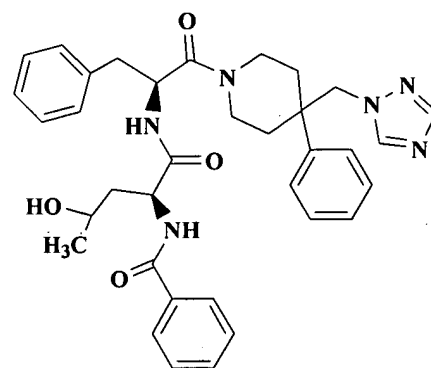
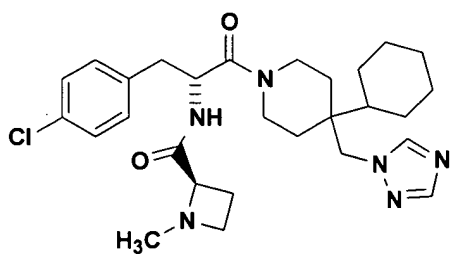
in which  $y$  is 0, 1 or 2 and  $R_{30}$  is halogen or methoxy.

Claim 17. (Currently Amended) A compound according to claim 1, having the formula,





or



or a pharmaceutically-acceptable salt, hydrate, or prodrug thereof.

Claim 18. (Previously Amended) A pharmaceutical composition comprising a therapeutically effective amount of at least one compound according to claim 1 or a pharmaceutically-acceptable salt, hydrate or prodrug thereof; and a pharmaceutically-acceptable carrier or diluent.

Claim 19. (Original) A pharmaceutical composition comprising (i) at least one compound according to claim 1 or a pharmaceutically-acceptable salt, hydrate or prodrug thereof; (ii) at least one second compound effective for treating an inflammatory or immune disease, a cardiovascular disease, or neurodegenerative disorder; and (iii) a pharmaceutically-acceptable carrier or diluent.

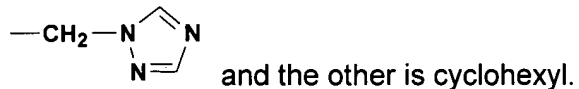
Claim 20. (Original) The pharmaceutical composition according to claim 19 in which the at least one second compound comprises a phosphodiesterase inhibitor.

Claim 21. (Currently Amended) A method of treating disease or disorder treatable by a melanocortin-receptor agonism ~~associated condition by agonizing melanocortin receptors, the method comprising administering to a warm-blooded species in need of such treatment a therapeutically a melanocortin-receptor agonistic~~-effective amount of at least one compound according to claim 1.

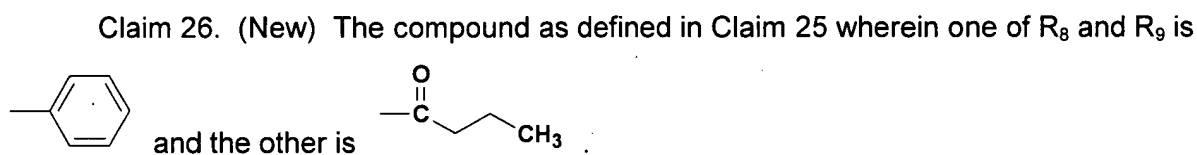
Claim 22. (Currently Amended) The method of claim 21 in which the disease or disorder treatable by melanocortin-receptor associated condition agonism ~~agonism~~ is an MC-1R or MC-4R associated condition.

Claim 23. (New) The compound as defined in Claim 1 wherein one of R<sub>8</sub> and R<sub>9</sub> is alkyl substituted with heteroaryl and the other is cycloalkyl.

Claim 24. (New) The compound as defined in Claim 23 wherein one of  $R_8$  and  $R_9$  is



Claim 25. (New) The compound as defined in Claim 1 wherein one of  $R_8$  and  $R_9$  is aryl and the other is  $-C(=O)R_{13}$  where  $R_{13}$  is alkyl.



Claim 27. (New) A compound having the structure

